

IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

PATENT

Applicant(s): Shao-Wen Hsia et al. Atty Docket No.: 20944.1800
Serial No.: 09/275,628 Client Ref: 97RSS340
Filed: March 24, 1999 Group Art Unit: 1765
TITLE: METHOD AND APPARATUS FOR HIGH- Resolution In-Situ Plasma Etching of Inorganic and Metal Films Examiner: To be assigned

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD AND APPARATUS FOR HIGH-RESOLUTION IN-SITU PLASMA ETCHING OF INORGANIC AND METAL FILMS, the specification of which:

☐ is attached hereto.
☒ was filed on March 24, 1999 as Application Serial No. 09/275,628.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed

☐

Number

Country

Filing Date

[]

Number

Country

Filing Date

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

Application Number

Filing Date

Application Number

Filing Date

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information material to patentability as defined in 37 C.F.R. § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial No.

Filing Date

Status -- Patent, Pending, Abandoned

Application Serial No.

Filing date

Status -- Patent, Pending, Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Shao-Wen HsiaInventor's signature: *Shao-Wen Hsia*Date: May 28, 1999

Residence:

25841 Miramonte Dr. Mission Viejo, CA 92692

City

State/Country

Citizenship:

Taiwan. R.O.C.

Post Office Address:

Zip Code:

Full name of second joint inventor: Michael J. Berg

Inventor's signature: Michael J. Berg Date: 6-9-96

Residence: 8002 Lake Haven Dr
Medanicsville VA 23111 State/Country

Citizenship: USA

Post Office Address: Same as Above Zip Code: 23111

Commonwealth of Virginia Michael J. Berg appeared before me and
County of Henrico proved on the basis of satisfactory evidence to
be one and the same person as the same person who appeared before me
this 2nd day of June 1999 J. Pelletier
Notary Public expires 5-31-2000

Full name of third joint inventor: Maureen R. Brongo

Inventor's signature: Maureen R. Brongo Date: 5-28-99

Residence: 27381 Lost Trail Dr.
Laguna Hills CA USA
City State/Country

Citizenship: USA

Post Office Address: Same as above Zip Code: 92653

Full name of fourth joint inventor: _____

Inventor's signature: _____ Date: _____

Residence: _____
City State/Country

Citizenship: _____

Post Office Address: _____ Zip Code: _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hsia *et al.*

Application Serial No.: 09/275,628

Filed: 03/24/99

For: Method and Apparatus for High-Resolution In-Situ Plasma Etching of Inorganic and Metal Films

Assistant Commissioner for Patents

Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above-identified:

☒ application.
☐ patent

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following attorneys are hereby appointed to prosecute and transact all business in the Patent and Trademark Office therewith:

From THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.: George M. Thomas, Reg. No. 22,260; James W. Kayden, Reg. No. 31,532; Scott A. Horstemeyer, Reg. No. 34,183; Stephen R. Risley, Reg. No. 35,659; Jeffrey R. Kuester, Reg. No. 34,367; Daniel J. Santos, Reg. No. 40,158; Michael J. Tempel, Reg. No. 41,344; Daniel R. McClure, Reg. No. 38,962; Robert E. Stachler II, Reg. No. 36,934; David P. Kelley, Reg. No. 17,420; Reg. No. 41,344; David R. Risley, Reg. No. 39,345; Jon E. Holland, Reg. No. 41,077; Dan R. Gresham, Reg. No. 41,805; J. Scott Culpepper, Reg. No. 41,692; M. Paul Qualey, Reg. No. 43,024; Robert P. Biddle, Reg. No. 35,826; Robert A. Blaha, Reg. No. 43,502; Jennifer M. Gruber, Reg. No. 42,601; Raymond W. Armentrout, Reg. No. 45,866; Cynthia J. Lee, Reg. No. 46,033; N. Andrew Crain, Reg. No. 45,442; Monica A. Winghart, Reg. No. 46,790; Sami O. Malas, Reg. No. 44,893; Marianne H. Parker, Reg. No. 46,165; Eric M. Ringer, Reg. No. 47,028; Larry E. Thompson, Reg. No. 41,346; Adam E. Crall, Reg. No. 46,646; William F. Heinze, Reg. No. 36,161.

From CONEXANT SYSTEMS, INC.: Daniel N. Yannuzzi, Reg. No. 36,727; Joseph H. Lee, Reg. No. 37,664; Semion Talpalatsky, Reg. No. 35,380; Stephen Warhola, Reg. No. 43,237

I hereby certify that this correspondence is being deposited with the United States Postal Service, as first class mail in an envelope addressed to, Assistant Commissioner for Patents, Washington, D.C. 20231, on August 2, 2000

[Signature]

Direct correspondence and telephone calls to.

Scott A. Horstemeyer
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.
100 Galleria Parkway, Suite 1750
Atlanta, Georgia 30339
770-933-9500

ASSIGNEE OF ENTIRE INTEREST

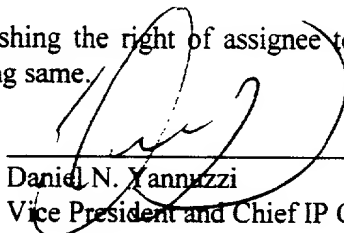
CONEXANT SYSTEMS, INC.
4311 Jamboree Road
Dept. 927, MS E10 005
Newport Beach, CA 92660-3095

ASSIGNEE CERTIFICATION

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same.

Date:

8/27/01



Daniel N. Yannuzzi
Vice President and Chief IP Counsel

Docket No.: 50324-1140
(Conexant No. 97RSS340)

50324-1140-295550

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hsia *et al.*

Application Serial No.: 09/275,628

Filed: 03/24/99

For: Method and Apparatus for High-Resolution In-Situ Plasma Etching of Inorganic and Metal Films

Assistant Commissioner for patents

Washington, D.C. 20231

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

1. The assignee of the entire right, title and interest hereby seeks to take action in the PTO in this matter.

IDENTIFICATION OF ASSIGNEE

2. The assignee of this matter is:

CONEXANT SYSTEMS, INC.

4311 Jamboree Road, E10-005

Newport Beach, CA 92660

PERSON AUTHORIZED TO SIGN

3. Scott A. Horstemeyer
Attorney for Assignee

I hereby certify that this correspondence is being deposited with the United States Postal Service, as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on August 31, 2000

[Signature]

4. A chain of title from the inventor(s) to the current assignee is shown below

a. From: Shao-Wen Hsia, Michael J. Berg, and Maureen R. Brongo

To: Conexant Systems, Inc.

Recorded in PTO: Reel: 010046

Frame: 0016

DECLARATIONS

5. I, the undersigned, have reviewed all the documents in the chain of title of the

☒
☐

application

patent

matter identified above and, to the best of my knowledge and belief, title is in the assignee identified above.

6. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

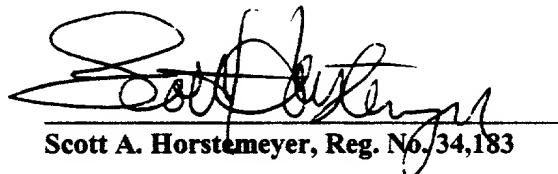
7. I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.

Reg. No. 34,183

Tel. No. 770-933-9500

Customer No.: 24504

Docket No. 50324-1140
(97RSS340)


Scott A. Horstemeyer, Reg. No. 34,183

**THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.**

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